

FLAME RETARDANT COMPOSITION FOR POLYPROPYLENE

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Abstract

PROBLEM TO BE SOLVED: To obtain a flame retardant composition imparting flame retardance or fire resistance to articles made of polypropylene when mixed into a polypropylene resin.

SOLUTION: This composition is obtained by compounding 20-80 wt.% hexabromocyclododecane 1-70 wt.% halobisphenol composition, i.e., tetrabromobisphenol A-bis(2,3-dibromopropyl ether) or tetrahalobisphenol A, 1-60 wt.% halodiphenyl ether i.e., octabromodiphenyl oxide or decabromodiphenyl oxide and 1-10 wt.% thermal stabilizer.

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